



06/19/01

06-20-01

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

jc979 U.S. PTO

09/08/01



06/19/01

In re U.S. Patent Application of:

Inventors: David S. Kurtz  
Krzysztof J. Kozaczek  
Paul R. Moran

Serial No.: Not assigned yet

Date Filed: June 19, 2001

Title: METHOD AND APPARATUS FOR  
RAPID GRAIN SIZE ANALYSIS  
OF POLYCRYSTALLINE  
MATERIALS

Docket No.: 4173-101

Examiner: Unknown

Art Unit No.: Unknown

**23448**

PATENT TRADEMARK OFFICE

EXPRESS MAIL CERTIFICATE

I hereby certify that I am mailing the attached documents to the Commissioner for Patents on the date specified, in an envelope addressed to the Commissioner for Patents, Box PATENT APPLICATION, Washington, D.C., 20231 and Express Mailed under the provisions of 37 CFR 1.10.

Blake Crouch

June 19, 2001

Date

**EL831357854US**

Express Mail Label Number


SUBMISSION OF NEW U.S. PATENT APPLICATION

Commissioner for Patents  
BOX PATENT APPLICATION  
Washington, D.C. 20231

Sir:

Submitted herewith is a new patent application, and following is a list of documents enclosed herein:

- [illegible]

  
Yongzhi Yang  
Registration No. (see attached)

**INTELLECTUAL PROPERTY/  
TECHNOLOGY LAW**  
P.O. Box 14329  
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Attorney Ref: 4173-101

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

# FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$ 355

## Complete if Known

Application Number Not Known  
Filing Date June 19, 2001  
First Named Inventor David S. Kurtz  
Examiner Name Not Known  
Group Art Unit Not Known  
Attorney Docket No. 4173-101

## METHOD OF PAYMENT

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:  
**Deficiencies only**

Deposit  
Account  
Number  
Deposit  
Account  
Name

08-3284

Intellectual Property/Technology Law

☒ Charge Any Additional Fee Required  
Under 37 CFR 1.16 and 1.17  
☒ Applicant claims small entity status.  
See 37 CFR 1.27

2. ☐ Payment Enclosed:  
☒ Check ☐ Credit Card ☐ Money  
Order ☐ Other

## FEE CALCULATION

### 1. BASIC FILING FEE

Large Entity Fee Code	Large Entity Fee (\$)	Small Entity Fee Code	Small Entity Fee (\$)	Fee Description	Fee Paid
101	710	201	355	Utility filing fee	355.00
106	320	206	160	Design filing fee	
107	490	207	245	Plant filing fee	
108	710	208	355	Reissue filing fee	
114	150	214	75	Provisional filing fee	

SUBTOTAL (1) (\$ 355.00

### 2. EXTRA CLAIM FEES

Total Claims 43 -20\*\*= 23 x 9 = 207.00  
Independent Claims 2 -3\*\*= 0 x 40 = 0  
Multiple Dependent

Large Entity Fee Code	Large Entity Fee (\$)	Small Entity Fee Code	Small Entity Fee (\$)	Fee Description
103	18	203	9	Claims in excess of 20
102	80	202	40	Independent claims in excess of 3
104	270	204	135	Multiple dependent claim, if not paid
109	80	209	40	**Reissue independent claims over original patent
110	18	210	9	**Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$ 562.00

\*\* or number previously paid, if greater; For Reissues, see above

## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

Large Fee Code	Large Entity Fee (\$)	Small Fee Code	Small Entity Fee (\$)	Fee Description	Fee Paid
105	130	205	65	Surcharge - late filing fee or oath	
127	50	227	25	Surcharge - late provisional filing fee or cover sheet	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing a request for ex parte reexamination	
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	
116	390	216	195	Extension for reply within second month	
117	890	217	445	Extension for reply within third month	
118	1,390	218	695	Extension for reply within fourth month	
128	1,890	228	945	Extension for reply within fifth month	
119	310	219	155	Notice of Appeal	
120	310	220	155	Filing a brief in support of an appeal	
121	270	221	135	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive - unavoidable	
141	1,240	241	620	Petition to revive - unintentional	
142	1,240	242	620	Utility issue fee (or reissue)	
143	440	243	220	Design issue fee	
144	600	244	300	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	50	123	50	Processing fee under 37 CFR 1.17(q)	
126	180	126	180	Submission of Information Disclosure Stmt	
581	40	581	40	Recording each patent assignment per property (times number of properties)	40.00
146	710	246	355	Filing a submission after final rejection (37 CFR § 1.129(a))	
149	710	249	355	For each additional invention to be examined (37 CFR § 1.129(b))	
179	710	279	355	Request for Continued Examination (RCE)	
169	900	169	900	Request for expedited examination of a design application	

Other fee (specify)

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 602.00

## SUBMITTED BY

Name (Print/Type) Steven J. Hultquist

Signature

Registration No.  
(Attorney/Agent) 28,021

## Complete (if applicable)

Telephone (919) 419-9350

Date

June 19, 2001

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Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant commissioner for Patents, Washington, DC 20231.

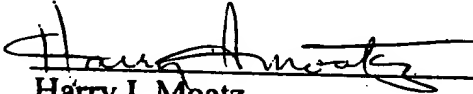
**BEFORE THE OFFICE OF ENROLLMENT AND DISCIPLINE  
UNITED STATES PATENT AND TRADEMARK OFFICE**

**LIMITED RECOGNITION UNDER 37 CFR § 10.9(b)**

Yongzhi Yang is hereby given limited recognition under 37 CFR § 10.9(b) as a student trainee at Intellectual Property Technology Law ("IPTL") to prepare and prosecute patent applications in the United States Patent and Trademark Office wherein the applicant is a client of IPTL and the attorney or agent of record in the application is an employee of IPTL. This limited recognition shall expire on the date appearing below, or when whichever of the following events first occurs prior to the date appearing below: (i) Yongzhi Yang ceases to lawfully reside in the United States, (ii) Yongzhi Yang's training at IPTL ceases or is terminated, or (iii) Yongzhi Yang ceases to remain or reside in the United States on an F-1 visa.

This document constitutes proof of such recognition. The original of this document is on file in the Office of Enrollment and Discipline of the United States Patent and Trademark Office.

**Expires: June 30, 2001**

  
Harry I. Moatz  
Director of Enrollment and Discipline